

Two Weeks International Residential Training Programme on PACKAGING 5S AI CONCEPT (SAFE, SECURE, SUSTAINABLE, STANDARDIZED, SMART AND ARTIFICIAL INTELLIGENCE 14th - 24th July, 2026

Under Indian Technical and Economic Cooperation (ITEC)
Ministry of External Affairs (MEA), Govt. of India

Organized by : Indian Institute of Packaging

Time	Topic
Day 1	
10:00 am - 12:00 am	Inauguration
12:00 am - 12:30 am	Tea/ Coffee
12:30 am - 01:30 pm	Introduction on Packaging 5S Concept
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Importance of Design in Sustainable Packaging
4:00 pm- 4:30 pm	Tea/Coffee
4:30 pm - 6:00 pm	Principles of Packaging 5S
Day 2	
10:00 am - 11:30 am	Introduction of Automation in Packaging Industry
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm - 01:30 pm	Packaging principles & Concepts and Packaging Materials - Types and Application
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Quality and Compliance in Packaging Industry
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Introduction of Glass Packaging and Application
Day 3	
10:00 am - 11:30 am	Smart and Intelligent Packaging
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Laboratory Visit - Practical on Testing of CFB Box, Paper & Composite Containers
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Advances in Packaging Machineries
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Manufacturing Packaging Machineries of Flexible Packaging Materials
Day 4	
10:00 am - 11:30 am	Packaging Procurement in e-Commerce
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Advances of Designing in Packaging
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Hazard Analysis and Critical Control Points (HACCP) in Packaging
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Sustainable Food Packaging Technologies for Promoting Food Safety and Nutrition

Day 5	
Factory Visit	
Sunday	
Local Tour	
Day 6	
10:00 am - 11:30 am	Automation and Robotics in Sustainable and Smart Packaging
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Visit to Transport Laboratory at IIP Delhi for Transport Worthiness Testing of Export Packaging
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Polymers in Packaging Industry
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Block Chain and Serialization in Secure Packaging
Day 7	
Industrial Visit	
Day 8	
10:00 am - 11:30 am	Biodegradable Polymers and Biopolymers in Packaging
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm - 01:30 pm	Different Printing Processes for Sustainable Packaging
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	AI/ML in Food Packaging
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Advances of Packaging Machineries for Sustainable Packaging
Day 9	
10:00 am - 11:30 am	Application of Styrene's in Food and Electronics Packaging
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Films and Laminates in Sustainable Packaging
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Smart Packaging Technologies for Sustainable Packaging
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Smart Warehousing for Packaging
Day 10	
10:00 am - 11:30 am	Quiz
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm onwards	Valedictory Session



भारतीय पैकेजिंग संस्थान Indian Institute of Packaging

An autonomous body under the Ministry
of Commerce & Industry, Govt. of India



HEAD OFFICE

E-2, MIDC Area, Andheri
(East), Mumbai - 400 093
Tel. : +91-22-28219803
/ 6751 / 9469 / 8254631
E-mail : iip@iip-in.com
Web. : www.iip-in.com



DELHI

Plot No.21, FIE,
Patparganj, Delhi - 110092
Tel. : +91-9958919162
+91-8826648364
E-mail : iipdelhi@iip-in.com

OTHER IIP CENTERS



CHENNAI

Plot No. 169, Industrial Estate,
Perungudi, Chennai - 600 096
Tel. : +91-44-24961077 / 24961560
E-mail : iipchennai@iip-in.com



KOLKATA

Block CP, Sector - V, Salt Lake
Bidhan Nagar, Kolkata - 700 091
Tel. : +91-33-23670763 / 23676016
E-mail : iipkolkata@iip-in.com



HYDERABAD

Lux - 3, Industrial Centre,
Sanath Nagar,
Hyderabad - 500 018
Tel. : +91-40-23814321
E-mail : iiphyd@iip-in.com



AHMEDABAD

1st Floor, CFC Building
Apparel Park, GIDC, Khokhra
Ahmedabad - 380 021
Tel. : +91-79-22930200
E-mail : iipahmedabad@iip-in.com



BENGALURU

Plot No. CA 20 & 21
Somapura Industrial Area
Phase - I Dabaspet, Bengaluru
E-mail : iipbengaluru@iip-in.com



LUCKNOW

Institute of Entrepreneurship
Development (IED) Campus,
A-1 & A-2, Industrial Area,
Sarojini Nagar, Lucknow - 226 008
Tel. : +91-7416564129
E-mail : iiplucknow@iip-in.com



VISAKHAPATNAM

APIIC Building, Ground Floor,
One Stop Service Center,
APSEZ Atchutapuram,
Visakhapatnam - 531001